

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-2: (cancelled).

3 (currently amended): In a A method of producing a material for an aperture grille for use in a color picture tube, comprising providing a low carbon steel; ~~sheet~~ containing 9 to 30 wt% of Ni; cold-rolling the low carbon steel sheet; at a reduction rate of not more than 60% and annealing the low carbon sheet; at a temperature of 400 to 500°C

the improvement wherein said low carbon steel consists of, in addition to usual components for low carbon steel, 9 to 30 wt% of Ni, said cold-rolling is at a reduction rate of not less than 60%, and said annealing is at a temperature of 400 to 500°C.

4 (currently amended): A method of producing a material for an aperture grille for use in a color picture tube, comprising providing a low carbon steel sheet consisting of Fe, C, wherein said C is present in an amount no greater than 0.01 wt%, up to 0.5 wt% Mn, up to 0.3 wt% Si, up to 0.01 wt% S and N, ~~containing~~ 9 to 30 wt% of Ni and 0.1 to 5 wt% of Co;

_____ cold-rolling the low carbon steel sheet at a reduction rate of not less than 60%; and
_____ annealing the low carbon steel sheet at a temperature of 400 to 500°C.

5 (currently amended): A method of producing a material for an aperture grille for use in a color picture tube, comprising
_____ providing a low carbon steel sheet containing 9 to 30 wt% of Ni[[,]] and being substantially free of tin;
_____ annealing the low carbon steel sheet at a temperature of 500 to 800°C;
_____ subjecting the low carbon steel sheet to cold-rolling at a reduction rate not less than 60%[[,]]; and
_____ annealing the low carbon steel sheet at a temperature of 400 to 500°C.

6 (currently amended): A method of producing a material for an aperture grille for use in a color picture tube, comprising providing a low carbon steel sheet containing 9 to 30 wt% of Ni and 0.1 to 5 wt% of Co, and being substantially free of tin;
_____ annealing the low carbon steel sheet at a temperature of 500 to 800°C;

_____ cold-rolling the low carbon steel sheet at a
reduction rate of not less than 60%[[,]]; and
_____ annealing the low carbon steel sheet at a
temperature of 400 to 500°C.

7 (Previously presented): An aperture grille for
use in a color picture tube, which is made of a low carbon
steel sheet containing 9 to 30 wt% of Ni produced by the
method of according to claim 5.

8 (Previously presented): An aperture grille for
use in a color picture tube, which is made of a low carbon
steel sheet containing 9 to 30 wt% of Ni and 0.1 to 5 wt% of
Co produced by the method according to claim 6.

9 (Previously presented): A color picture tube
incorporating an aperture grille for use in a color picture
tube, which is made of a low carbon steel sheet containing 9
to 30 wt% of Ni produced according to the method of claim 3.

10 (Previously presented): A color picture tube
incorporating an aperture grille for use in a color cathode
ray tube, which aperture grille is made of a low carbon steel
sheet containing 9 to 30 wt% of Ni and 0.1 to 5 wt% of Co
produced according to the method of claim 4.